

### Demand and supply of Power

2057. SHRI O.T. LEPCHA: Will the Minister of POWER be pleased to state:

(a) the present demand and supply of power along with the details of power generating plants in both private and public sectors in the country particularly in Sikkim; and

(b) the details of power plants under construction in the various States?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE): (a) The demand and supply of power in the country and Sikkim during the current year (April-November, 2006) was as under:

	All India	Sikkim		All India	Sikkim
Energy Requirement (MU)	449400	138	Peak Demand (MW)	98435	40
Energy Availability (MU)	412319	136	Peak Met(MW)	86425	40
Energy Shortage (MU)	37081	2	Peak Shortage (MW)	12010	0
Shortage(%)	8.3	1.4	Shortage(%)	12.2	0

The details of sector-wise installed capacity of generating plants as on 31st October, 2006 are as under:

	Installed Capacity (MW)
Central Sector	—
State Sector	—
Private Sector	—
Renewable Energy Sources	—
<b>TOTAL</b>	<b>127672.97</b>

(b) The details of power plants under construction in various State are given in the Statement.

**Statement***List of generation projects under construction***A. 10th Plan projects under construction likely to be commissioned during November, 2006 to March, 2007**

Name of the project	Benefits (MW)
<b>Hydro</b>	
Tehri St. I	500.00
Dulhasti	390.00
Largi	42.00
Maneri Bhali-II	304.00
Ghatghar PSS	250.00
Jurala Priya	39.00
Purulia PSS IV	225.00
Balimela ST. II	150.00
Karbi Langpi	100.00
<b>Sub Total - Hydro</b>	<b>2000.00</b>
<b>Thermal</b>	
Giral Lignite	125.00
KLTPS Ext. (Panam)	75.00
Paricha Extn.	210.00
GHTPP II	500.00
Sipat II	1000.00
Vindhya Chal	500.00
Korba East Ext.	500.00
Parli TPP Ext.	250.00
Paras Ext.	250.00
Raigarh TPP I	250.00
Birsingpur Ext.	500.00
Rayalseema II	420.00
Bellary	500.00
Mezia U 5 & 6	500.00
Kahalgaon II	1500.00
Sagardighi 1 & 2	600.00
Santaldih TPP	250.00

Name of the project	Benefits (MW)
Bakreshwar 4	210.00
Durgapur	300.00
Dholpur CCGT	220.00
Sugen Akhakhola	365.00
Dhuvaran CCGT II	40.00
Dabhol CCGT II	704.00
Konaseema CCGT	445.00
Gautami CCGT	464.00
<b>Sub-total—Thermal</b>	<b>10678.00</b>
<b>Nuclear</b>	
Kaiga U- 3	220.00
<b>Sub-total-Nuclear</b>	<b>220.00</b>
<b>TOTAL UNDER CONSTRUCTION 10TH PLAN</b>	<b>12898.00</b>
<b>B. 11th Plan projects</b>	
<b>HYDRO PROJECTS</b>	
Parbati—ii	800
Chamera-iii	231
Parbati—iii	520
Sewa-ii	120
Uri-ii	240
Nimoo Bazgo	45
Chutak	44
Omkareshwar	520
Teesta Low Dam-iii	132
Teesta Low Dam-iv	160
Subansiri Lower	2000
Koteshwar	400
Kameng	600
Kol Dam	800
Lohari Nagpala	600
Teesta V	510
Uhl—iii	100
Baglihar-i	450
Jurala Priyadarshni*	195

Name of the project	Benefits (MW)
Nagarjuna Sagar Tr	50
Varahi Extn.	230
Athirapalli	163
Kutayadi Ext.	100
Bhawani Barrage ii & iii	60
Purnia Pss*	675
Myntdu St-i	84
Budhil	70
Allain Dhuangan	192
Malana ii	100
Karcham Wangtoo	1000
Srinagar	330
Maheshwar	400
Chujachen	99
<b>Sub Total Hydro 11th Plan</b>	<b>12020</b>
<b>Thermal Projects</b>	
Dadri Ext (U-5)	490
Sipat I	1980
Bhilai Jv	500
Korba iii	500
Barh-i	1980
Farakka Stage-iii	500
Chandrapur	500
Barsingsar Lig	250
Neyveli-ii Lig	500
Yamuna Nagar	600
Giral *U-2	125
Chabra Tps	500
Kota U7	195
Suratgarh Ext	250
Dholpur	110
Parichha Ext.	500
Harduaganj	500
Surat Lignite Ext	250
Amarkantak	210
Parli Ext U-2	250

Name of the project	Benefits (MW)
Paras Ext U-2	250
Bhopalapally (Kaktiya)	500
Vijaywada Tpp	500
Bellary Tps U-2	500
Raichur U 8	250
Valuthur Extn.	92
Bakreshwar U-5	210
Lakwa Wh	37.2
Dimapur Dg	23
Raigarh Ph II	750
Pathadi (Lanco) U1	300
Pathadi (Lanco) U2	300
Sugen Torrent	752
Trombay Tps	250
Budge-budge Ext	250
<b>Sub-total Thermal</b>	<b>15654</b>
<b>Nuclear Projects</b>	
Rapp U5&6	440
Kudankulam U 1,2	2000
Pfbr (Kalapakkam)	500
Kaiga U-4	220
<b>Sub Total Nuclear</b>	<b>3160</b>
<b>Total 11th Plan Under Construction</b>	<b>30834</b>
<b>Total Under Construction</b> <u>(November, 2006—March, 2012)</u>	<b>43732</b>

### Facilities for areas adjoining Tehri Dam

**†2058. SHRI HARISH RAWAT:** Will the Minister of POWER be pleased to state:

(a) the position of the Pratap Nagar region etc. due to the forming of a large lake there as a result of the construction of Tehri Dam;

**†**Original notice of the question was received in Hindi.